

Amendment After Final Rejection
Serial No. 10/032,992

Docket No. FR000156

REMARKS

Entry of this amendment and reconsideration are respectfully requested in view of the remarks made herein.

Claims 1 and 2 are pending and stand rejected.

The specification is objected to for including deficiencies in the ABSTRACT and that the Title is not descriptive.

Applicant thanks the examiner for his observation and has amended the ABSTRACT and Title, substantially in accordance with the suggestions provided.

Having amended the ABSTRACT and Title, applicant believes that the reason for the objection has been overcome and respectfully requests that the objection be withdrawn.

Claims 1 and 2 stand rejected under 35 USC 112, first paragraph as failing to comply with the enablement requirement. In rejecting the claims the Office Action states "[i]t needs to be qualified as to when the 'end of transmission' is implemented and how the above issue is resolved."

Applicant respectfully disagrees with, and explicitly traverses, the reason for rejecting the claims and believes that the written description and the claims provide sufficient disclosure for one skilled in the art to practice the invention. More specifically, Figure 2 illustrates a series of white boxes containing the values 9, 16, 0, 3, 0, 0, 0, ... 0, 0, 0, 0, 0, 1, and one large hatched box (referred to as a black box). The claims recite, in part, "transmitting only a start of the series of samples which extends to the point where the samples that remain are equal to a reference value and for transmitting an indication "end of transmission" after the last transmitted sample." Hence, the claims recite that when it is determined that "samples that remain are equal to a reference value" an end-of-transmission indication is provided. In this case, and with reference to Figure 2, assuming that the known or reference value is a zero (0) value, an end-of-transmission indication is not provided after the zero (0) value immediately after the value 16 as the remaining values are not equal to the zero value (i.e., reference value). Similarly, the end-of-transmission indication is not provided after the string of zero (0) values after the

Amendment After Final Rejection
Serial No. 10/032,992

Docket No. FR000156

value three (3), as the remaining values, (i.e., 5, 2, ...) are not equal to the zero or reference value. In a similar manner, the end-of-transmission indication is not provided after the string of zero values that occur immediately after the value two (2), which occurs in the third row, as the remaining value (i.e., 1) is not equal to the reference value (i.e., zero). However, the remaining values, those that are contained in the hatched, or referred-to black, box after the value of 1 are equal to the reference value and, hence, an end-of-transmission indication is provided after the transmission of the value of one (1). As was argued in the response to the prior Office Action, one skilled in the art would have knowledge to scan the block in a forward direction to search for the last valid value prior to a string of reference values that extends to the end of the buffer or in a backward direction from the end of the buffer to search for the first value not equal to the reference value.

For at least this reason, applicant believes that from the subject matter recited in the claims and illustrated in Figure 2, the invention is disclosed in sufficient detail to enable one skilled in the art to practice the invention claimed.

Applicant submits that the reason for the rejection has been overcome and respectfully requests that the rejection be withdrawn.

Applicant would further note that although a zero value has been used and referred as to the reference value, this use and reference is only for purposes of describing the invention and is not intended to limit the reference value to a zero value. Rather, the reference value may be any value that indicates the remaining data does not contribute to the information already available.

With regard to the invention being practiced in the transmitter and/or receiver, applicant believes that the claims and the written description provide sufficient information to teach that the transmitter transmits information up to a reference value and the receiver infers the data after the "end of transmission" indicator. Accordingly, applicant believes that the written description provides sufficient information to show that the transmitter transmits information that extends to the point where the samples that remain are equal to a reference value and the receiver infers the information that is not transmitted.

Amendment After Final Rejection
Serial No. 10/032,992

Docket No. FR000156

Claims 1 and 2 stand rejected under 35 USC 103(a) as being unpatentable over Brude (USP no. 5,283,646) in view of Morrissey (USP no. 5,553,302).

Applicant respectfully disagrees with and explicitly traverses the reason for rejecting the claims.

Bruder discloses a method and apparatus for enabling a real time video encoding system to deliver a desired number of bits per frame and further updating the quantization step size use to quantize coefficients which describe an image to be transmitted over a communication channel. Bruder further discloses that at the end of the transmission of each sector of data, a comparison is performed regarding the accumulated actual number of bits expended with the accumulated desired number of bit expended and readjusting the quantization step size to target a final desired number of data bits.

However, Bruder fails to teach or suggest that "a transmitter circuit transmits only a start of the series of samples which extends to the point where the samples that remain are equal to a reference value," as is recited in the claims. Rather, Bruder teaches adjusting a quantizer step size to achieve a desired number of transmitted data bits.

Morrissey teaches a system for transferring frames containing frame control data from a serial data transfer medium to a parallel storage medium. A frame recognition mechanism receives and identifies a start-of-frame delimiter or an end-of-frame delimiter from the data transfer medium. However, Morrissey fails to teach or suggest transmitting only a start of the series of samples which extends to the point where the samples that remain are equal to a reference value or places reference values after the sample preceding the indication "end of transmission," so as to reconstitute the series of samples.

A claimed invention is prima facie obvious when three basic criteria are met. First, there must be some suggestion or motivation, either in the reference themselves or in the knowledge generally available to one of ordinary skill in the art, to modify the reference or to combine the teachings therein. Second, there must be a reasonable expectation of success. And, third, the prior art reference or combined references must teach or suggest all the claim limitations.

Neither Brude nor Morrissey, individually or in combination, teach or suggest all the elements recited in the above referred-to claims. Even if the teachings of Brude and Morrissey, were combined, the combined device would not include all the features

Amendment After Final Rejection
Serial No. 10/032,992

Docket No. FR000156

recited in the independent claim 1.

Having shown that there is no teaching or suggestion to combine the reference cited, applicant submits that the reason for the rejections of claim 1 has been overcome and the rejection can no longer be sustained. Applicant respectfully requests withdrawal of the rejection and allowance of claim 1.

With regard to claim 2, this claim recites subject matter similar to that recited in claim 1 and was rejected citing the same references used in rejecting claim 1. Thus, applicant's remarks made in response to the rejection of claim 1 are also applicable in response to the rejection of claim 2. Applicant submits that in view of the remarks made with regard to the rejection of claim 1, which are reasserted, as if in full, in response to the rejection of claim 2, the reason for the rejection of claim 2 has been overcome and the rejection can no longer be sustained. Applicant respectfully requests withdrawal of the rejection and allowance of the claims.

Although the last Office Action was made final, this amendment should be entered. No matter has been added to the claims that would require comparison with the prior art or any further review. Accordingly, pursuant to MPEP 714.13, applicant's amendments should only require a cursory review by the examiner. The amendment therefore should be entered without requiring a showing under 37 CFR 1.116(b).

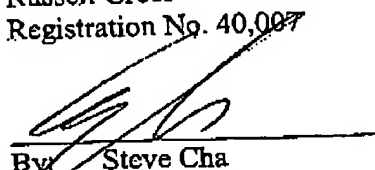
Amendment After Final Rejection
Serial No. 10/032,992

Docket No. FR000156

For all the foregoing reasons, it is respectfully submitted that all the present claims are patentable in view of the cited references. A Notice of Allowance is respectfully requested.

Respectfully submitted,

Russell Gross
Registration No. 40,007


By: Steve Cha
Attorney for Applicant
Registration No. 44,069

Date: November 28, 2005

Mail all correspondence to:
Russell Gross, Registration No. 40,007
US PHILIPS CORPORATION
P.O. Box 3001
Briarcliff Manor, NY 10510-8001
Phone: (914) 333-9624
Fax: (914) 332-0615